

a liquid crystal layer formed from liquid crystal injected in a gap defined by a surface of said first substrate adjacent said second substrate and a surface of said second substrate adjacent said first substrate;

the electric field generated by said second substrate being substantially parallel to said liquid crystal layer to control a display;

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cont. said liquid crystal layer having a thickness which varies depending upon the transmission wavelengths of said color layers, whereby coloring is controlled in a case of an oblique view with respect to said first substrate and said second substrate,

wherein said second substrate comprises:

a plurality of pixel electrodes provided corresponding to said color layers, the predetermined voltage being applied to said pixel electrodes; and

a plurality of opposing electrodes provided in parallel to said pixel electrodes for each of said color layers for cooperating, when the voltage is applied to said pixel electrodes, with said pixel electrodes to generate the electric field therebetween,

whereby maximum brightness for each of R,G,B is gained by applying different driving voltages to the pixel electrodes, depending upon the thickness of the crystal layers in each of the color layers, wherein larger voltage is applied to each of the pixel electrodes for the color layers with thinner liquid crystal layer to get maximum brightness for each color.